



Box 10 of 2
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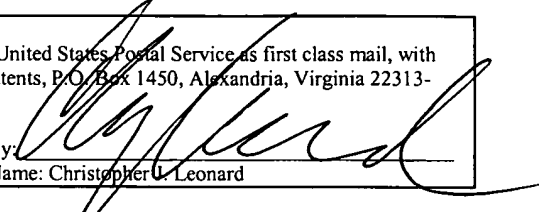
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jones et al. Examiner:
Serial No.: 10/731,598 Group Art Unit:
Filed: December 9, 2003 Docket No.: 60001.0263US01/MS303917.01
Title: Programmable Object Model for Extensible Markup Language Schema
Validation

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 May 4, 2006.

By: 
Name: Christopher U. Leonard

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

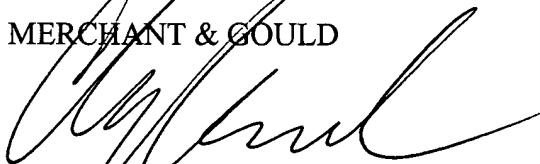
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD



Christopher J. Leonard
Reg. No. 41,940

Merchant & Gould, LLC
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
Telephone: 865.273.2130

27488

PATENT TRADEMARK OFFICE

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

60001.0263US01/MS303917.01

Application Number:

10/731,598

Applicant: Jones et al.

Filing Date: Dec. 9, 2003

Group Art Unit: 2176

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,674,065	06/1987	Lange et al.	382	311	
	4,868,750	09/1989	Kucera et al.	711	2	
	5,020,019	05/1991	Ogawa	707	5	
	5,128,865	07/1992	Sadler	704	2	
	5,159,552	10/1992	van Gasteren et al.	704	1	
	5,267,155	11/1993	Buchanan et al.	715	540	
	5,317,546	05/1994	Balch et al.	368	9	
	5,337,233	08/1994	Hofert et al.	715	540	
	5,341,293	08/1994	Vertelney et al.	715	530	
	5,351,190	09/1994	Kondo	704	8	
	5,392,386	02/1995	Chalas	715	841	
	5,446,891	08/1995	Kaplan et al.	395	600	
	5,541,836	07/1996	Church et al.	704	7	
	5,596,700	01/1997	Darnell et al.	715	512	
	5,617,565	04/1997	Augenbraun et al.	395	604	
	5,625,783	04/1997	Ezekiel et al.	395	352	
	5,627,958	05/1997	Potts et al.	715	708	
	5,634,019	05/1997	Koppolu et al.	715	744	
	5,640,560	06/1997	Smith	395	615	
	5,657,259	08/1997	Davis et al.	708	204	
	5,708,825	01/1998	Sotomayor	395	762	

27488

PATENT TRADEMARK OFFICE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,717,923	02/1998	Dedrick	395	613	
	5,752,022	05/1998	Chiu et al.	395	610	
	5,761,689	06/1998	Rayson et al.	707	533	
	5,781,189	07/1998	Holleran et al.	715	826	
	5,781,904	07/1998	Oren et al.	707	100	
	5,794,257	08/1998	Liu et al.	707	501	
	5,802,253	09/1998	Gross et al.	395	51	
	5,802,262	09/1998	Van De Vanter	395	180	
	5,802,299	09/1998	Logan et al.	395	200.48	
	5,802,530	09/1998	van Hoff	707	513	
	5,805,911	09/1998	Miller	395	796	
	5,809,318	09/1998	Rivette et al.	715	512	
	5,815,830	09/1998	Anthony	707	6	
	5,818,447	10/1998	Wolf et al.	715	752	
	5,821,931	10/1998	Berquist et al.	715	784	
	5,822,539	10/1998	van Hoff	395	200.66	
	5,826,025	10/1998	Gramlich	395	200.47	
	5,845,077	12/1998	Fawcett	709	221	
	5,855,007	12/1998	Jovicic et al.	705	14	
	5,859,636	01/1999	Pandit	715	501.1	
	5,872,973	02/1999	Mitchell et al.	395	685	

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,875,443	02/1999	Nielsen	707	2	
	5,892,919	04/1999	Nielsen	395	200.58	
	5,893,073	04/1999	Kasso et al.	705	8	
	5,895,461	04/1999	De La Huerge et al.	707	1	
	5,896,321	04/1999	Miller et al.	365	189.01	
	5,900,004	05/1999	Gipson	707	530	
	5,913,214	06/1999	Madnick et al.	707	10	
	5,920,859	07/1999	Li	707	5	
	5,924,099	07/1999	Guzak et al.	707	100	
	5,933,498	08/1999	Schneck et al.	705	54	
	5,946,647	08/1999	Miller et al.	704	9	
	5,948,061	09/1999	Merriman et al.	709	219	
	5,956,681	09/1999	Yamakita	704	260	
	5,974,413	10/1999	Beauregard et al.	707	6	
	5,995,756	11/1999	Hermann	395	712	
	6,006,265	12/1999	Rangan et al.	709	226	
	6,006,279	12/1999	Hayes	719	328	
	6,014,616	01/2000	Kim	704	8	
	6,028,605	02/2000	Conrad et al.	345	840	
	6,052,531	04/2000	Waldin et al.	717	170	
	6,061,516	05/2000	Yoshikawa et al.	717	109	
	6,067,087	05/2000	Krauss et al.	715	762	
	6,085,201	07/2000	Tso	715	505	
	6,092,074	07/2000	Rodkin et al.	707	102	
	6,108,674	08/2000	Murakami et al.	715	515	
	6,112,209	08/2000	Gusack	707	101	

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,121,968	09/2000	Arcuri et al.	345	352	
	6,122,647	09/2000	Horowitz et al.	707	513	
	6,126,306	10/2000	Ando	708	605	
	6,137,911	10/2000	Zhilyaev	382	225	
	6,141,005	10/2000	Hetherington et al.	715	866	
	6,151,643	11/2000	Cheng et al.	710	36	
	6,154,738	11/2000	Call	707	4	
	6,167,568	12/2000	Gandel et al.	717	176	
	6,173,316	01/2001	De Boor et al.	709	218	
	6,182,029	01/2001	Friedman	704	9	
	6,185,550	02/2001	Snow et al.	707	1	
	6,185,576	02/2001	McIntosh	707	200	
	6,199,046	03/2001	Heinzle et al.	705	1	
	6,199,081	03/2001	Meyerzon et al.	715	513	
	6,219,698	04/2001	Iannucci et al.	709	221	
	6,262,728	07/2001	Alexander	345	440.1	
	6,272,074	08/2001	Winnér	368	10	
	6,272,505	08/2001	De La Hueraga	707	501	
	6,292,768	09/2001	Chan	704	1	
	6,295,061	09/2001	Park et al.	715	764	
	6,308,171	10/2001	De La Hueraga	707	3	
	6,311,177	10/2001	Dauerer et al.	707	2	
	6,311,194	10/2001	Sheth et al.	715	505	
	6,323,853	11/2001	Hedloy	345	339	

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,336,125	01/2002	Noda et al.	715	531	
	6,336,131	01/2002	Wolfe et al.	709	203	
	6,338,059	01/2002	Fields et al.	707	4	
	6,347,398	02/2002	Parthasarathy et al.	717	170	
	6,349,295	02/2002	Tedesco et al.	707	3	
	6,353,926	03/2002	Parthasarathy et al.	717	11	
	6,424,979	07/2002	Livingston et al.	715	511	
	6,434,567	08/2002	De La Huerga	707	102	
	6,438,545	08/2002	Beauregard et al.	707	6	
	6,477,510	11/2002	Johnson	705	30	
	6,480,860	11/2002	Monday	707	102	
	6,493,006	10/2002	Gourdol et al.	345	825	
	6,516,321	02/2003	De La Huerga	707	102	
	6,519,603	02/2003	Bays et al.	707	102	
	6,546,433	04/2003	Matheson	709	318	
	6,556,984	04/2003	Zien	707	2	
	6,571,241	05/2003	Nosohara	707	6	
	6,618,733	09/2003	White et al.	707	103	
	6,623,527	09/2003	Hamzy	715	513	
	6,625,581	09/2003	Perkowski	705	27	
	6,629,079	09/2003	Spiegel et al.	705	26	
	6,631,519	10/2003	Nicholson et al.	717	169	
	6,636,880	10/2003	Bera	708	206	
	6,658,623	12/2003	Schilit et al.	715	513	

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,687,485	02/2004	Hopkins et al.	434	350	
	6,697,824	02/2004	Bowman-Amuah	709	229	
	6,708,189	03/2004	Fitzsimons et al.	707	205	
	6,715,144	03/2004	Daynes et al.	717	174	
	6,717,593	04/2004	Jennings	715	760	
	6,718,516	04/2004	Claussen et al.	715	513	
	6,728,679	04/2004	Strubbe et al.	704	270.1	
	6,732,090	05/2004	Shanahan et al.	707	3	
	6,732,361	05/2004	Andreoli et al.	719	313	
	6,745,208	06/2004	Berg et al.	707	201	
	6,795,808	09/2004	Strubbe et al.	704	275	
	6,826,726	11/2004	Hsing et al.	715	513	
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	6,874,143	03/2005	Murray et al.	717	173	
	6,880,129	04/2005	Lee et al.	715	763	
	6,883,137	04/2005	Girardot et al.	715	513	
	6,925,457	08/2005	Britton et al.	707	1	
	6,925,470	08/2005	Sangudi et al.	707	102	
	6,948,133	09/2005	Haley	715	780	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2001/0029605 A1	10/2001	Forbes et al.	717	11		
	2001/0041328 A1	11/2001	Fisher	434	157		
	2001/0056461 A1	12/2001	Kampe et al.	709	201		
	2002/0004803 A1	01/2002	Serebrennikov	715	513		
	2002/0007309 A1	01/2002	Reynar	705	14		
	2002/0026450 A1	02/2002	Kuramochi	707	104.1		
	2002/0029304 A1	03/2002	Reynar et al.	709	332		
	2002/0035581 A1	03/2002	Reynar et al.	715	513		
	2002/0065110 A1	05/2002	Enns et al.	455	566		
	2002/0065891 A1	05/2002	Malik	709	206		
	2002/0066073 A1	05/2002	Lienhard et al.	717	105		
	2002/0078222 A1	06/2002	Compas et al.	709	232		
	2002/0091803 A1	07/2002	Imamura et al.	709	220		
	2002/0100036 A1	07/2002	Moshir et al.	717	173		
	2002/0103829 A1	08/2002	Manning et al.	707	513		
	2002/0104080 A1	08/2002	Woodard et al.	717	176		
	2002/0120685 A1	08/2002	Srivastava et al.	709	203		
	2002/0129107 A1	09/2002	Loughran et al.	709	206		
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	2002/0149601 A1	10/2002	Rajarajan et al.	345	619		
	2002/0156792 A1	10/2002	Gombocz et al.	707	100		
	2002/0178008 A1	11/2002	Reynar	704	272		
	2002/0178182 A1	11/2002	Wang et al.	715	501.1		
	2002/0184247 A1	12/2002	Jokela et al.	707	204		
	2002/0188941 A1	12/2002	Cicciarelli et al.	717	175		
	2002/0196281 A1	12/2002	Audleman et al.	345	762		
	2002/0198909 A1	12/2002	Huynh et al.	707	513		

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2003/0002391 A1	01/2003	Biggs	368	82		
	2003/0005411 A1	01/2003	Gerken	717	120		
	2003/0009489 A1	01/2003	Griffin	707	500		
	2003/0025728 A1	02/2003	Ebbo et al.	345	744		
	2003/0051236 A1	03/2003	Pace et al.	717	177		
	2003/0056207 A1	03/2003	Fischer et al.	717	174		
	2003/0081791 A1	05/2003	Erickson et al.	380	282		
	2003/0084138 A1	05/2003	Tavis et al.	709	223		
	2003/0097318 A1	05/2003	Yu et al.	705	35		
	2003/0101204 A1	05/2003	Watson	708	206		
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	2003/0106040 A1	06/2003	Rubin et al..	717	106		
	2003/0121033 A1	06/2003	Peev et al.	717	175		
	2003/0126136 A1	07/2003	Omoigui	707	10		
	2003/0140308 A1	07/2003	Murthy et al.	715	500		
	2003/0154144 A1	08/2003	Pokorny et al.	705	28		
	2003/0158841 A1	08/2003	Britton et al.	707	3		
	2003/0158851 A1	08/2003	Britton et al.	707	100		
	2003/0172343 A1	09/2003	Leymaster et al.	715	500		
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	2003/0233330 A1	12 /2003	Raley et al.	705	55		
	2004/0003389 A1	01/2004	Reynar et al.	717	178		

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[illegible]

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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 95/07510 A1	03/1995	PCT	G06F	17/24		
	WO 99/17240 A1	04/1999	PCT	G06F	17/60		
	WO 01/37170 A2	05/2001	PCT	G06F	17/60		
	WO 01/18687 A1	03/2001	PCT	G06F	17/30		
	WO 01/186390 A2	11/2001	PCT	G06F	1/00		
	WO 02/099627 A1	01/2002	PCT	G06F	9/00		
	WO 02/15518 A2	02/2002	PCT	H04L	29/00		
	EP 0481784 A2	04/1992	Europe	G06F	15/20		
	EP 0598511 A2	05/1994	Europe	G06F	9/445		
	EP 0810520 B1	12/1998	Europe	G06F	9/44		
	EP 1093058 A1	04/2001	Europe	G06F	17/27		
	EP 1280068 A2	01/2003	Europe	G06F	17/27		
	EP 1361523 A2	11/2003	Europe	G06F	17/27		
	EP 1376392 A2	01/2004	Europe	G06F	17/24		

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		"Altova markup your mind!" http://web.archive.org/web/20021204211721/http://altova.com/products_ide.html , 12/2002, pp. 1-3.
		Apple Data Detectors User's Manual, Apple Computer, Inc., 1997, pgs. 1-15.
		Arbortext, "Arbortext and Accessibility", http://web.archive.org/web/20021219133536/www.arbortext.com/html/accessibility.html , 12/2002, pp. 1-5
		Arbortext, "Arbortext's Support for XSL-FO", http://web.archive.org/web/20021221021632/www.arbortext.com/html/xsl-fo.html , 12/2002, pp. 1-4
		Arbortext, "Schemas", http://web.archive.org/web/20021221023148/www.arbortext.com/html/schemas.html , 12/2002, pp. 1-3
		Arbortext, "XML Compliance, 100% Pure XML", http://web.archive.org/web/20021209185855/www.arbortext.com/html/xml_compliance , 12/2002, pp.1-3
		Barrett, Rob, Paul P. Maglio and Daniel C. Kellem; <u>How to personalize the Web</u> ; Conference proceedings on human factors in computing systems (1997) p. 75-82.
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